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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/083,331	02/25/2002	Ching Miao Wilson Wang	P/3987-29	4078

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OSTROLENK FABER, GERB & SOFFEN, LLP  
1180 AVENUE of the Americas  
New york, NY 10036-8403

EXAMINER

GRAY, DAVID M

ART UNIT PAPER NUMBER

2851

DATE MAILED: 06/04/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/083,331

Applicant(s)

WANG, CHING MIAO WILSON

Examiner

David M Gray

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 25 February 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-37 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 33-37 is/are allowed.
- 6) ☒ Claim(s) 1,2,16-20,22,23,26-29 and 32 is/are rejected.
- 7) ☒ Claim(s) 3-15,21,24,25,30 and 31 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 June 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☒ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

***Claim Objections***

1. Applicant's usage of the term "cannister" instead of --canister-- is objectionable.
2. Claims 1-21 are objected to because of the following informalities: in claim 1 the term "the lens" lacks proper antecedent basis in the claims. Appropriate correction is required.

***Claim Rejections - 35 USC § 112***

3. Claims 17 and 27 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
4. Regarding claim 17, the claimed "the film is transferred from the second spool region to the cannister [sic]" renders the claims indefinite. There is no discloses means to transfer film from the second spool region.
5. Regarding claim 27, the claimed "the film is transferred from the [sic] to the cannister [sic]" renders the claims indefinite.
6. It appears that applicant intends to claim that the film is transferred into a film canister within the spool region.

***Claim Rejections - 35 USC § 102***

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

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8. Claims 1, 2, 16, 18-20 and 32 are rejected under 35 U.S.C. 102(e) as being anticipated by Tatamiya.

9. Regarding claim 1, the camera body 30 meets the claimed "camera body." The photographing lens disclosed at column 4, lines 8-13, meets the claimed "light control device." The known camera elements disclosed at column 6, lines 43-47, meet the claimed "camera operating elements." Film back 10 having film spool chamber 14 and take-up chamber 15 meet the claimed "cartridge" having "an unexposed film spool region" and "a second spool region." The disclosure at column 3, lines 16-32 meets the claimed "film operating elements in the camera body and cooperating film operating elements on the cartridge ... for advancing the film." The wall portions 11b and 11c are shaped to receive aperture protrusion 31 and thus meet the claimed "bridging portion being so shaped with respect to the cartridge and the camera body as to define a dark room." Aperture 18 meets the claimed "light transmission opening." And curtain member 25 meets the claimed "door on the film cartridge."

10. Regarding claim 2, the claimed "door is adapted to remain in the closed position until the cartridge is fully engaged in the camera body" is met by Tatamiya as disclosed at column 6, lines 34-42.

11. Regarding claim 16, the film on film spool 21 meets the claimed "a film."

12. Regarding claim 18, the claimed "shutter" is set forth at column 6, lines 43-47.

13. Regarding claim 19, the front case 11, rear cover 13 and curtain member 25 form a light tight enclosure.

14. Regarding claim 20, the claimed "narrow slot" is met by the disclosure at column 3, lines 16-25.

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15. Regarding claim 32, the pivot shaft 34a and hook-plate member 34b meet the claimed “cooperating indexing elements.”

16. Claims 22, 23, 26, 28 and 29 are rejected under 35 U.S.C. 102(e) as being anticipated by Tatamiya.

17. Film spool chamber 14 and take-up chamber 15 meet the claimed “unexposed film spool region” and “second spool region.” The wall portions 11b and 11c are shaped to receive aperture protrusion 31 and thus meet the claimed “bridging portion being so shaped with respect to the cartridge and the camera body as to define a dark room.” Aperture 18 meets the claimed “light transmission opening.” And curtain member 25 meets the claimed “door on the film cartridge.”

18. Regarding claim 23, operating knob 27 meets the claimed “actuator connected with the door for moving the door between the open and closed positions.”

19. Regarding claim 26, the film on film spool 21 meets the claimed “a film.”

20. Regarding claim 28, the front case 11, rear cover 13 and curtain member 25 form a light tight enclosure.

21. Regarding claim 29, the claimed “narrow slot” is met by the disclosure at column 3, lines 16-25.

***Allowable Subject Matter***

22. Claims 33-37 are allowed.

23. Claims 3-15, 21, 24, 25, 30 and 31 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

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24. The prior art does not disclose or suggest “cooperating devices on the camera body and at the door on the cartridge for moving the door to the open position upon the cartridge being fully engaged with the camera body” set forth in claim 3. The Tatamiya reference employs a manually actuated operating knob to open and close the light shielding member. Claims 4-15 depend, directly or indirectly, upon claim 3 and thus contain the same allowable feature.

25. The prior art does not disclose or suggest “the camera body has an enclosed chamber therein and the cartridge is shaped to be received in and is receivable in the chamber in the camera body to define the combination, and wherein the door is operable to the open position only with the cartridge fully installed in the camera body” set forth in claim 21. The film cartridge of Tatamiya is attached to the back of the camera, not received within the body. Hansen receives the cartridge within the body, but does not have at least “a bridging portion” arranged “so that an image can be captured on film then at the bridging portion.”

26. The prior art does not teach or suggest “a safety latch on the cartridge for the door, and the actuator cooperating with the safety latch for releasing the safety latch for enabling movement of the door from the closed position to the open position” set forth in claim 24. The Tatamiya operating knob 27 does not have a safety latch governing the movement thereof. Claim 25 depends from claim 24 and thus contains the same allowable feature.

27. The prior art does not disclose or suggest “a first part having one of the film spool regions and a second part including the other film spool region and the bridging portion” and “a separable latching connection between the first and second parts of the cartridge” set forth in claim 30. The film spools of the Tatamiya film cartridge are not separable. Claim 31 depends from claim 30 and contains the same allowable feature.

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28. The prior art does not disclose or suggest "a receptacle in the body shaped to the shape of a film cartridge" and "a light control device on the camera body for passing light into the camera body receptacle to illuminate an area of the cartridge disposed therein" as set forth in claim 33.

The Tatamiya film cartridge is attached to the back of the camera. Hansen discloses a receptacle shape to receive a like shaped cartridge but does not pass light into this receptacle or cartridge.

Claims 34-37 depend from claim 33 and thus contain the same allowable feature.

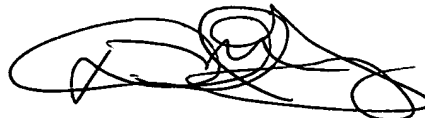
### *Conclusion*

29. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The Ishihara reference is cited for its disclosure of a film cartridge which is releasably locked within the camera body. The Hansen reference is cited for its disclosure of a film cartridge receptacle shaped like the film cartridge received therein. Chen is cited for its disclosure of a film cartridge that receives a film cartridge therein.

30. Any inquiry concerning this communication or earlier communications from the examiner should be directed to David M Gray whose telephone number is 703-308-1698. The examiner can normally be reached on M-T & T-F 7:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Russ Adams can be reached on 703-308-2847. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9318 for regular communications and 703-872-9319 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1782.



David M Gray  
Primary Examiner  
Art Unit 2851

May 29, 2003